

09/593,401

FILE 'HOME' ENTERED AT 14:37:22 ON 24 MAY 2002

=> file biosis medline caplus wpids uspatfull  
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'BIOSIS' ENTERED AT 14:37:41 ON 24 MAY 2002  
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FILE 'CAPLUS' ENTERED AT 14:37:41 ON 24 MAY 2002  
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\*\*\* YOU HAVE NEW MAIL \*\*\*

=> s secoisolariciresinol and sdg  
L1 99 SECOISOLARICIRESINOL AND SDG

=> s l1 and hypertension  
L2 2 L1 AND HYPERTENSION

=> d l2 bib abs 1-2

L2 ANSWER 1 OF 2 WPIDS (C) 2002 THOMSON DERWENT

AN 2001-169238 [18] WPIDS

DNC C2001-050607

TI Use of **secoisolariciresinol** diglucoside to treat, prevent or  
reduce development of **hypertension**.

DC B03

IN PRASAD, K

PA (UYSA-N) UNIV SASKATCHEWAN TECHNOLOGIES INC

CYC 1

PI CA 2311606 A1 20001216 (200118)\* EN 25p

ADT CA 2311606 A1 CA 2000-2311606 20000615

PRAI US 1999-140972P 19990616

AN 2001-169238 [18] WPIDS

AB CA 2311606 A UPAB: 20011129

NOVELTY - **Secoisolariciresinol** diglucoside (**SDG**) is  
used in pure form to treat, prevent or reduce development of  
**hypertension**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the  
use of **SDG** in pure form to treat a patient with ischemic heart  
disease, heart failure or intermittent claudication.

ACTIVITY - Hypotensive; cardiant.

Normotensive rats were treated intravenously with **SDG** at  
doses of 10, 15, 20 and 30 mg/kg. The maximum fall in mean blood pressure  
after 15 minutes was 38, 29, 46 and 57%, respectively.

MECHANISM OF ACTION - None given.

USE - Used for treating, preventing or reducing development of  
**hypertension** in humans or other animals, especially in patients  
with ischemic heart disease, heart failure or intermittent claudication.

ADVANTAGE - **SDG** dilates blood vessels without the  
undesirable side effects of cyanogenic glycosides and caloric loads.  
Dwg.0/17

L2 ANSWER 2 OF 2 USPATFULL  
AN 1998:154252 USPATFULL  
TI Purified **SDG** as an antioxidant  
IN Prasad, Kailash, Saskatoon, Canada  
PA The University of Saskatchewan, Saskatoon, Canada (non-U.S. corporation)  
PI US 5846944 19981208  
AI US 1997-826500 19970403 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Robinson, Douglas; Assistant Examiner: Crane, I. Eric  
CLMN Number of Claims: 12  
ECL Exemplary Claim: 1,5,7  
DRWN 5 Drawing Figure(s); 3 Drawing Page(s)  
LN.CNT 706  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The compound secoisolariciresinal diglucoside (**SDG**), obtained  
from flaxseed is used for reducing or preventing the development of  
hypercholesterolemic atherosclerosis and for reducing total cholesterol  
in humans or animals. It is also used for treating diabetes mellitus.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'BIOSIS, MEDLINE, CAPLUS, WPIDS, USPATFULL' ENTERED AT 14:37:41 ON  
24 MAY 2002

L1 99 S SECOISOLARICIRESINOL AND SDG  
L2 2 S L1 AND HYPERTENSION

=> s SECOISOLARICIRESINOL  
L3 424 SECOISOLARICIRESINOL

=> s l3 and hypertension  
L4 2 L3 AND HYPERTENSION

=> s l4 not l2  
L5 0 L4 NOT L2

=>

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=> s hypertension and heart
L8      98581 HYPERTENSION AND HEART

=> s l8 and treatment (3a) hypertension
L9      9218 L8 AND TREATMENT (3A) HYPERTENSION

=> s l9 and resinol?
L10     0 L9 AND RESINOL?

=> s l9 and lupus
L11     124 L9 AND LUPUS

=> s l11 and flaxseed
L12     0 L11 AND FLAXSEED

=> s l9 and flaxseed
L13     0 L9 AND FLAXSEED

=> d his

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L1      99 S SECOISOLARICIRESINOL AND SDG
L2      2 S L1 AND HYPERTENSION
L3      424 S SECOISOLARICIRESINOL
L4      2 S L3 AND HYPERTENSION
L5      0 S L4 NOT L2
L6      3 S SECOISOLARICIRESINOL AND BLOOD PRESSURE
L7      1 S L6 NOT L4
L8      98581 S HYPERTENSION AND HEART
L9      9218 S L8 AND TREATMENT (3A) HYPERTENSION
L10     0 S L9 AND RESINOL?
L11     124 S L9 AND LUPUS
L12     0 S L11 AND FLAXSEED
L13     0 S L9 AND FLAXSEED

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=> s l1 and vasolidator
L14     0 L1 AND VASOLIDATOR

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